

# SCOTTSDALE TRANSPORTATION COMMISSION REPORT

**To:** Transportation Commission  
**From:** Paul Basha, Transportation Director  
**Meeting Date:** September 19, 2013  
**Subject:** SR-101 Pima Freeway Improvements



## ITEM IN BRIEF

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**Action:** Information

### **Purpose:**

Representatives of the Arizona Department of Transportation (ADOT) and their consultants will present the plans for the addition of one-lane-per-direction for SR-101.

### **Information:**

Ms. Jennifer Grentz, ADOT Community Relations Project Manager, Mr. Ron McCally, ADOT Project Manager, Mr. Avi Schmerer, URS Design Consultant, and Mr. Ahmad Omais, Kimley-Horn Design Consultant, will be providing the presentation.

The project involves lane additions for the 11-mile segment from SR-202 to Shea Boulevard; 1.5 miles of which is within the city limits of Scottsdale. The construction is anticipated to occur from summer 2014 to 2016. Restrictions of freeway travel lanes will result in periodic traffic volume increases on Scottsdale streets – primarily Hayden Road.

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# **Loop 101:**

## **General Purpose Lane Widening Shea to the Loop 202**

Scottsdale Transportation Commission  
September 19, 2013

ADOT Project No. 101L MA 041 H8484; Federal Aid No. ID 101-B(NFA) ADOT Project No. 101L MA 046 H8499; Federal Aid No. ID 101-B(NFA)

# Welcome and Agenda

- ▶ **Project Team**
- ▶ **Project Overview**
- ▶ **Project History**
- ▶ **Project Purpose**
- ▶ **Project Schedule**
- ▶ **Improvements**
- ▶ **Current Activity**
- ▶ **Traffic Management**
- ▶ **Additional Projects in Corridor**
- ▶ **Public Outreach**
- ▶ **Q&A**

# Project Representatives

- ▶ **Jennifer Grentz**  
Community Relations Project Manager
- ▶ **Ron McCally**  
Project Manger
- ▶ **Avi Schmerer**  
URS Design Consultant
- ▶ **Ahmad Omais**  
Kimley-Horn and Associates Design Consultant

# Project Overview

- ▶ Project spans 11 miles  
(1.3 miles in City of Scottsdale)
- ▶ Project is from Shea Boulevard to SR 202L Interchange
- ▶ New general-purpose lanes will be constructed



# Project History

- ▶ **Regional Transportation Plan (November 2004, Proposition 400)**
- ▶ **Public Outreach (2008 Public Information Meetings, 2011 Commission)**
- ▶ **Design Concept Report (2007-2010) FDCR 2010**
- ▶ **Environmental Document (2010, CE)**
- ▶ **Final Design (2012-2014)**

# Project Purpose

- ▶ **Improve freeway capacity**
- ▶ **Reduce congestion of future traffic volumes**
- ▶ **Improve traffic flow at Loop 202 to northbound Loop 101**
- ▶ **Implement Regional Transportation Plan**

# Project Schedule





# Project Improvements

- ▶ Add one general-purpose lane in the SB direction from Shea Boulevard to McKellips Road
- ▶ Add one general-purpose lane in the NB direction from Shea Boulevard to McDowell Road
- ▶ Add two general-purpose lanes in the NB direction from McDowell Road to the SR101L/SR202L TI entrance ramp
- ▶ Add auxiliary lanes in each direction between Indian Bend Road and McDonald Drive
- ▶ Rubberized asphalt will be used on the widened roadway surfaces.

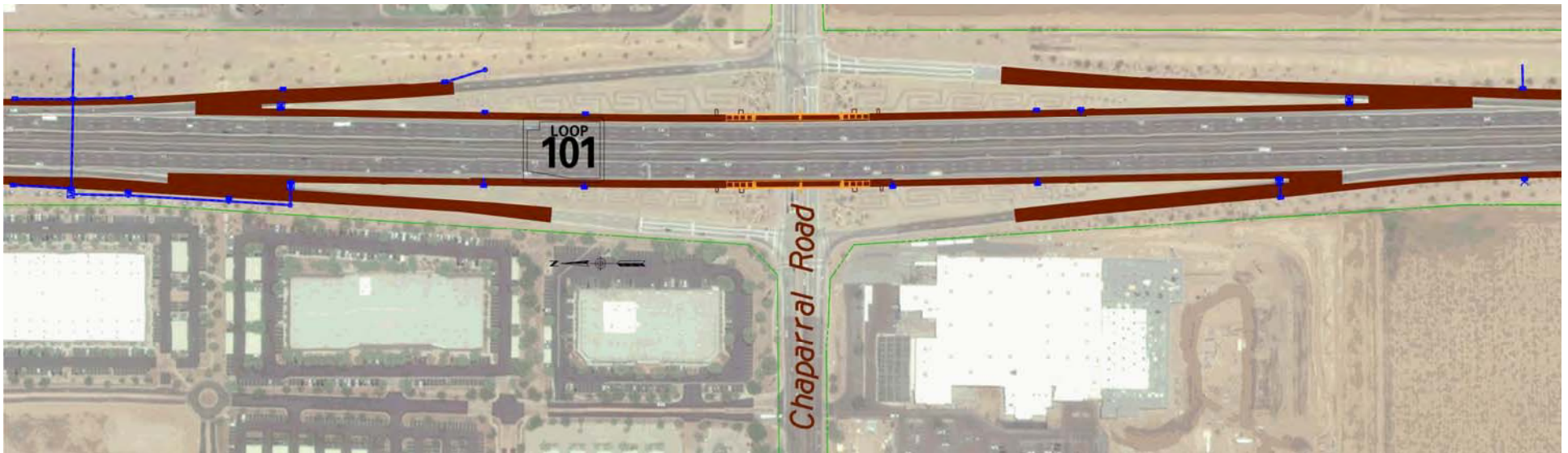
# Project Highlights – Typical Improvements

## ► Chaparral Road TI Improvements

Relocation of Catch Basins

Addition of Storm Drains

Landform Graphics Maintain Existing Theme



## Current Activity

## Stage IV Design (95%)

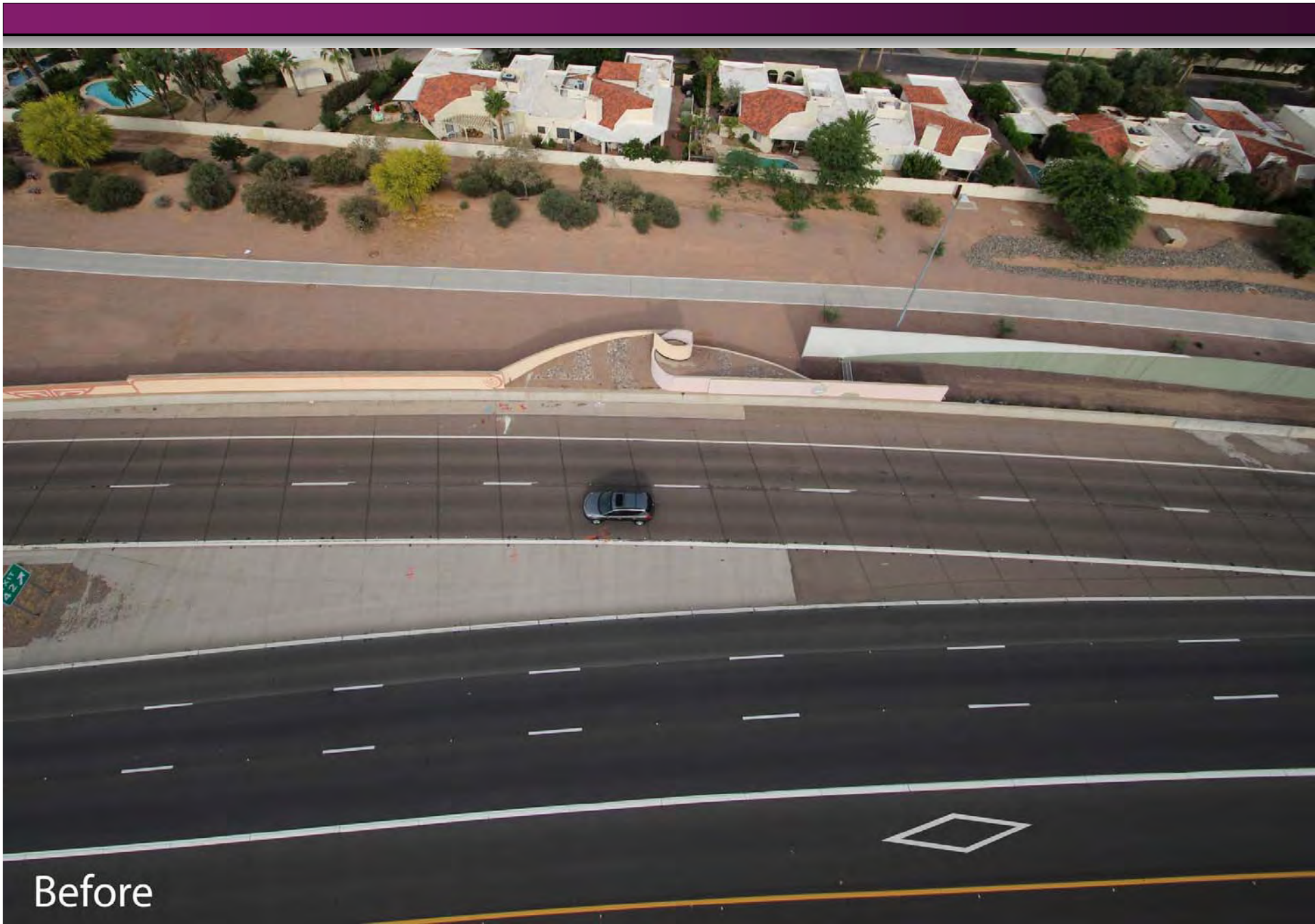
- **Roadway**
- **Structural Design**
- **Drainage Design**
- **Landscape Design**
- **Traffic Analysis and Design**
- **Lighting**
- **Freeway Management System**
- **Utilities**
- **Environmental**



# Transportation Management Plan

- Lays out a set of strategies for managing the work zone impacts to project.
- Provides for safe mobility for traveling public and construction workers
- Compliments temporary traffic control plan
- Addresses traffic operations and public information.





Before

**ADOT**



After



# FULL FREEWAY CLOSURES



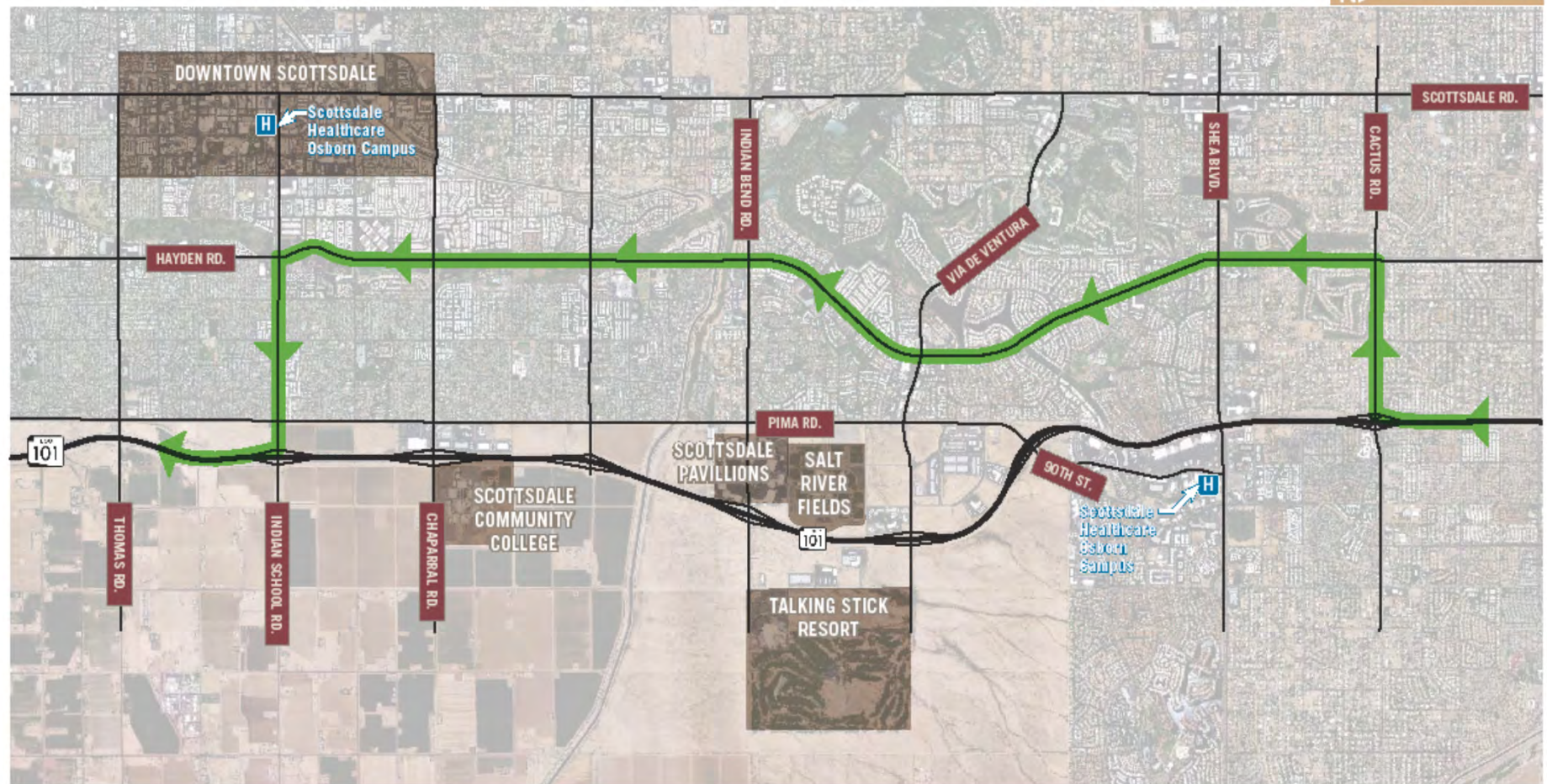
## GENERAL PURPOSE LANE

SR 101L - SHEA BLVD TO CHAPARRAL RD

CONTRACT NUMBER: 2012-019

DESIGN SERVICES

PROJECT NO. 101 MA 041 H6474 01C



SOUTHBOUND FULL FREEWAY CLOSURES

KEY  
— Southbound  
— Northbound



# FULL FREEWAY CLOSURES



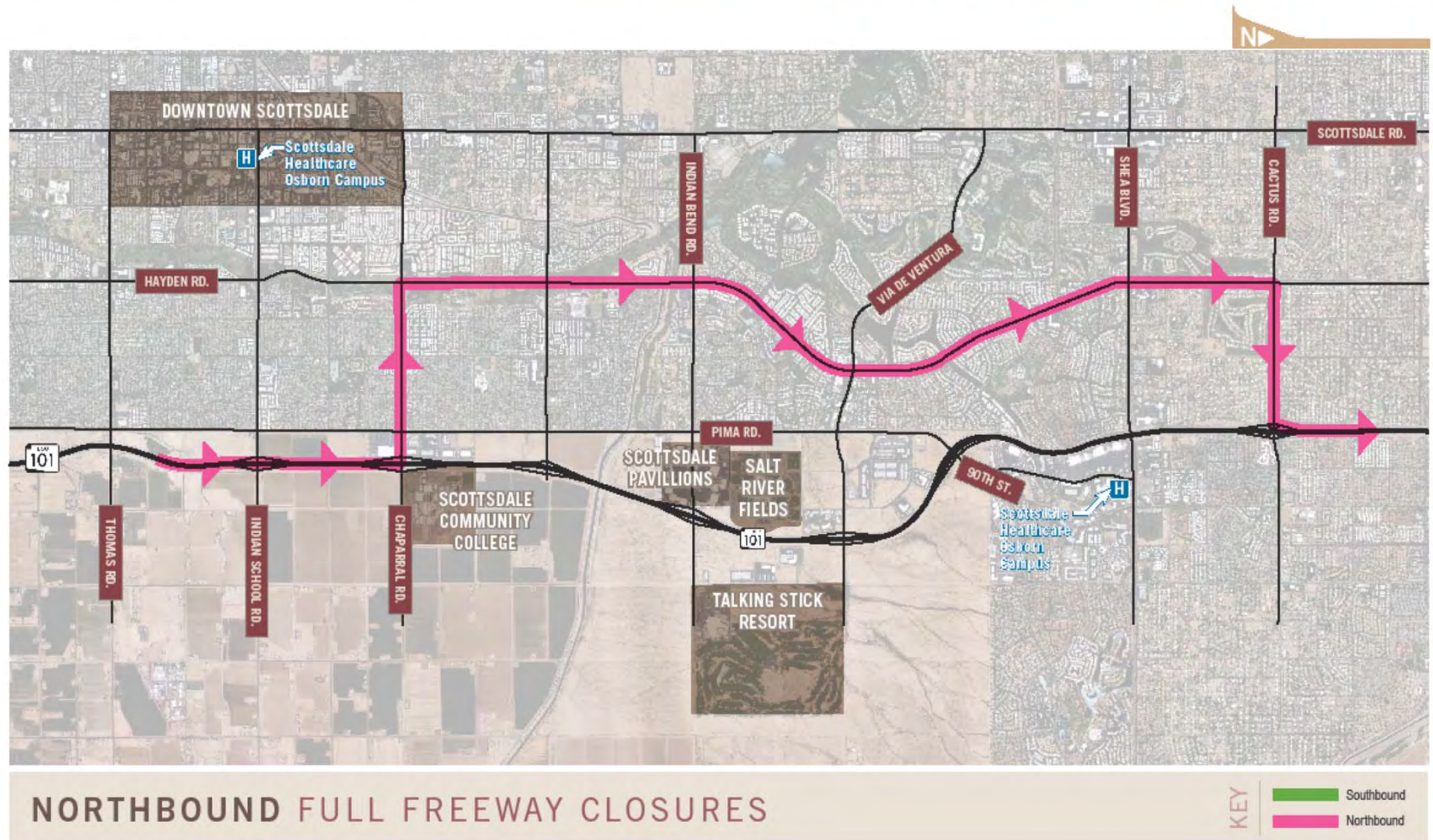
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# Additional Projects in Corridor

- ▶ Loop 202 General-Purpose Lanes (Loop 101 to Gilbert Road) and HOV Lanes (Gilbert Road to Broadway Road) FY 2015 Construction
- ▶ Loop 101 General-Purpose Lanes (SR 51 to Princess Drive) - RTPFP Phase IV (2021-2025) Design and Construction
- ▶ Loop 101 General-Purpose Lanes (Shea Blvd. to Princess Drive) - RTPFP Phase IV (2021-2025) Design and Construction
- ▶ Loop 101/Princess Drive Traffic Interchange Preliminary Engineering/Environmental Study 2014

# Public Outreach for Design Phase

- ▶ Three public meetings
- ▶ Project postcard and flyer distribution for City of Scottsdale and SRPMIC residences, business and schools, within the impacted project area
- ▶ Website updates
- ▶ Targeted business outreach
- ▶ Continue coordination with City of Scottsdale and SRPMIC PIO staff
- ▶ Conduct additional stakeholder meetings, if requested

# Loop 101: Shea Boulevard to Loop 202

For more information visit  
[azdot.gov/Loop101pima](http://azdot.gov/Loop101pima),  
email [projects@azdot.gov](mailto:projects@azdot.gov) or call  
855.712.8530

Thank you!